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DATE: 8/12/03

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NUMBER OF PAGES 3 INCLUDING COVER SHEET.

REMARKS: This is a ^{new} revise format for RCE amendment
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Thanks, Hien

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13/12
J. Steptow
8-26-03

Application number: 09/893,952
Application filed: June 28, 2001
Applicant: Charles Vann
Title: Orientation and Position Sensor
Examiner: Hien X. Vo

Date: July 28, 2003

Supplemental Amendment.

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

In response to Office communication mailed July 10, 2003. Please cancel claims 1-7 and add the following claims 8-13.

1.(canceled) A sensor for measuring position and orientation of an object, comprising:

a camera;

a lens;

00 FC: 08/27/2003 TSTEDT02 00000005 09893952 a first feature of an alignment target;

01 FC:2251 a second feature of an alignment target;

whereby the relative position and size of the first feature and second feature in the camera image are interpreted to measure up to three orthogonal positions and up to three orthogonal orientations of said alignment target with respect to said camera.